

IN THE CLAIMS:

1. (Currently Amended) A solid electrolyte cell comprising:  
a positive electrode having a positive electrode current collector and a positive electrode active material;  
a negative electrode having a negative electrode current collector and a negative electrode active material; and  
a solid electrolyte comprising ~~comprising~~ at least two layers, namely a first solid electrolyte layer and a second solid electrolyte layer wherein  
a diene compound is contained in ~~at least one of the positive electrode, negative electrode and the solid electrolyte, and~~  
~~said diene compound~~ contained in the first solid electrolyte layer is not less than 75% of the total content thereof.

2. (Original) The solid electrolyte cell according to claim 1 wherein said diene compound is 1, 4-cyclohexadiene.

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3. (Currently Amended) The solid electrolyte cell according to claim 1 wherein said solid electrolyte contains a non-aqueous solvent ~~and is in a gelled state~~.

4. (Original) The solid electrolyte cell according to claim 1 wherein said matrix polymer is selected from the group consisting of polyethylene oxide, polypropylene oxide, polytetrafluoroethylene, polyvinylidene fluoride, polyvinylidene chloride, polymethacrylic acid, polyacrylic amide, polycarbonate, polysulfone and polyethersulfone.

5. (Currently Amended) The solid electrolyte cell according to claim 1 wherein said electrolyte salt is selected from the group consisting of  $\text{LiPF}_6$ ,  $\text{LiClO}_4$ ,